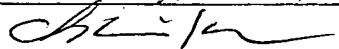




Sheet 1 of 5

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. DAVI-0005/ 2393063/MJC/RR	Application No. 09/787,082
	Applicant David James Craik, et al.	
	Filing Date June 14, 2001	Group 1653
	Confirmation No. 1485	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

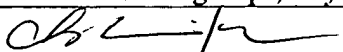
CMK	5	Al-Obeidi, F., et al., "Potent and prolonged acting cyclic lactam analogues of $\alpha$ -melanotropin: design based on molecular dynamics," <i>J. Med. Chem.</i> , <b>1989</b> , 32, 2555-2561
	6	Armishaw, C.J., et al., "Synthesis of backbone cyclic analogues of $\alpha$ -conotoxin IMI by chemoselective ligation of unprotected linear precursors," Benedetti, E., et al. (Eds.), <i>Peptides</i> , <b>2002</b> , 1 page (Abstract)
	7	Armishaw C.J., et al., "Synthesis of N to C terminal cyclic analogues of $\alpha$ -conotoxin ImI by chemoselective ligation of unprotected linear precursors," <i>Peptides: The Wave of the Future</i> , Lebl, M., et al. (Eds.), <i>American Peptide Society</i> , <b>2001</b> , 113-114
	8	Botti, P., et al., "Cyclic peptides from linear unprotected peptide precursors through thiazolidine formation," <i>J. Am. Chem. Soc.</i> , <b>1996</b> , 118, 10018-10024
	9	Byk, G., et al., "Synthesis and biological activity of NK-1 selective, N-backbone cyclic analogs of the C-terminal hexapeptide of substance P," <i>J. Med. Chem.</i> , <b>1996</b> , 39, 3174-3178
	10	Charpentier, B., et al., "Synthesis and binding affinities of cyclic and related linear analogues of CCK <sub>8</sub> selective for central receptors," <i>J. Med. Chem.</i> , <b>1989</b> , 32, 1184-1190
	11	Chazin, W.J., et al., "Comparative studies of conformation and internal mobility in native and circular basic pancreatic trypsin inhibitor by <sup>1</sup> H nuclear magnetic resonance in solution," <i>Eur. J. Biochem.</i> , <b>1985</b> , 152, 429-437
	12	Chu, V., et al., "Thermodynamic and structural consequences of flexible loop deletion by circular permutation in the streptavidin-biotin system," <i>Protein Science</i> , <b>1998</b> , 7, 848-859
	13	Claeson, P., et al., "Fractionation protocol for the isolation of polypeptides from plant biomass," <i>J. Nat. Prod.</i> , <b>1998</b> , 61, 77-81
CMK	14	Feng, Y., et al., "Circular permutation of granulocyte colony-stimulating factor," <i>Biochemistry</i> , <b>1999</b> , 38, 4553-4563
EXAMINER 		DATE CONSIDERED 12/16/03

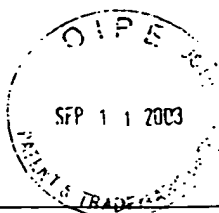


Sheet 2 of 5

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. DAVI-0005/ 2393063/MJC/RR	Application No. 09/787,082
	Applicant David James Craik, et al.	
	Filing Date June 14, 2001	Group 1653
	Confirmation No. 1485	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

CMK	15	Garrett, J.B., et al., "Are turns required for the folding of ribonuclease T1?," <i>Protein Science</i> , 1996, 5, 204-211
	16	Gilon, C., et al., "Backbone cyclization: a new method for conferring conformational constraint on peptides," <i>Biopolymers</i> , 1991, 31, 745-750
	17	Goldenberg, D.P., et al., "Circular and circularly permuted forms of bovine pancreatic trypsin inhibitor," <i>J. Mol. Biol.</i> , 1983, 165, 407-413
	18	Goldenberg, D.P., et al., "Folding pathway of a circular form of bovine pancreatic trypsin inhibitor," <i>J. Mol. Biol.</i> , 1984, 179, 527-545
	19	Goldenberg, D.P., "Dissecting the roles of individual interactions in protein stability: lessons from a circularized protein," <i>J. Cellular Biochemistry</i> , 1985, 29, 321-335
	20	Gray, W.R., et al., "Conotoxin MI - Disulfide bonding and conformational states," <i>J. Biological Chemistry</i> , October 25, 1983, 258(20), 12247-12251
	21	Gutknecht, R., et al., "The glucose transporter of <i>Escherichia coli</i> with circularly permuted domains is active <i>in vivo</i> and <i>in vitro</i> ," <i>J. Biological Chemistry</i> , October 2, 1998, 273(40), 25745-25750
	22	Hennecke, J., et al., "Conversion of a catalytic into a structural disulfide bond by circular permutation," <i>Biochemistry</i> , 1998, 37, 17590-17597
	23	Hruby, V.J., "Design of peptide hormone and neurotransmitter analogues," <i>TIPS</i> , June 1985, 259-262
CMK	24	Hruby, V.J., "Conformational restrictions of biologically active peptides via amino acid side chain groups," <i>Life Sciences</i> , 1982, 31(3), 189-199
EXAMINER 		DATE CONSIDERED 12/16/03



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. DAVI-0005/ 2393063/MJC/RR	Application No. 09/787,082
	Applicant David James Craik, et al.	
	Filing Date June 14, 2001	Group 1653
	Confirmation No. 1485	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

CMK	25	Jackson, D.Y., et al., "Enzymatic cyclization of linear peptide esters using subtiligase," <i>J. Am. Chem. Soc.</i> , <b>1995</b> , <i>117</i> , 819-820
	26	Jacobsen, R.B., et al., "A novel D-leucine-containing conus peptide: diverse conformational dynamics in the contryphan family," <i>J. Peptide Res.</i> , <b>1999</b> , <i>54</i> , 93-99
	27	Kreitman, R.J., "A circularly permuted recombinant interleukin 4 toxin with increased activity," <i>Proc. Natl. Acad. Sci. USA</i> , July <b>1994</b> , <i>91</i> , 6889-6893
	28	Kreitman, R.J., et al., "Increased antitumor activity of a circularly permuted interleukin 4-toxin in mice with interleukin 4 receptor-bearing human carcinoma," <i>Cancer Research</i> , August 1, <b>1995</b> , 3357-3363
	29	Lender, A., et al., "Design and synthesis of sulfur-free cyclic hexapeptides which contain the RGD sequence and bind to the fibrinogen GP IIb/IIIa," <i>Int. J. Peptide Protein Res.</i> , <b>1993</b> , <i>42</i> , 509-517
	30	Muir, T.W., et al., "Expressed protein ligation: a general method for protein engineering," <i>Proc. Natl. Acad. Sci. USA</i> , June <b>1998</b> , <i>95</i> , 6705-6710
	31	Myers, R.A., et al., "Conus peptides as chemical probes for receptors and ion channels," <i>Chem. Rev.</i> , <b>1993</b> , <i>93</i> , 1923-1936
	32	Okumu, F.W., et al., "Effect of restricted conformational flexibility on the permeation of model hexapeptides across caco-2 cell monolayers," <i>Pharmaceutical Res.</i> , <b>1997</b> , <i>14</i> (2), 169-175
	33	Olivera, B.M., et al., "Minireview: Conotoxins," <i>J. Biological Chemistry</i> , November 25, <b>1991</b> , <i>266</i> (33), 22067-22070
CMK	34	Olivera, B.M., "Diversity of Conus neuropeptides," <i>Science</i> , July 20, <b>1990</b> , <i>249</i> , 257-250

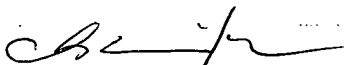
EXAMINER		DATE CONSIDERED	12/16/03
----------	--	-----------------	----------



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. DAVI-0005/ 2393063/MJC/RR	Application No. 09/787,082
	Applicant David James Craik, et al.  Filing Date June 14, 2001  Group 1653  Confirmation No. 1485	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

CMK	35	Pallaghy, P.K., et al., "A common structural motif incorporating a cystine knot and a triple-stranded $\beta$ -sheet in toxic and inhibitory polypeptides," <i>Protein Science</i> , 1994, 3, 1833-1839
	36	Rivier, J.E., et al., "Bicyclic gonadotropin releasing hormone (GnRH) antagonists," <i>Peptides Chemistry, Structure and Biology</i> , 1990, 33-37
	37	Rote, K.V., et al., "Circular pancreatic trypsin inhibitor: A novel substrate for studies on intracellular proteolysis," <i>J. Biological Chemistry</i> , January 15, 1989, 264(2), 1156-1162
	38	Saether, O., et al., "Elucidation of the primary and three-dimensional structure of the uterotonic polypeptide kalata B1," <i>Biochemistry</i> , 1995, 34, 4147-4158
	39	Tam, J.P., et al., "Thia zip reaction for synthesis of large cyclic peptides: mechanisms and applications," <i>J. Am. Chem. Soc.</i> , 1999, 121, 4316-4324
	40	Tam, J.P., et al., "Synthesis of large cyclic cystine-knot peptide by orthogonal coupling strategy using unprotected peptide precursor," <i>Tetrahedron Letters</i> , 1997, 38(32), 5599-5602
	41	Tam, J.P., "A biomimetic strategy in the synthesis and fragmentation of cyclic protein," <i>Protein Science</i> , 1998, 7, 1583-1592
	42	Terada, S., et al., "Synthesis and hydrolysis by pepsin and trypsin of a cyclic hexapeptide containing lysine and phenylalanine," <i>Eur. J. Biochem.</i> , 1975, 52, 273-282
CMK	43	Wieligmann, K., et al., "Eye lens $\beta$ B2-crystallin: circular permutation does not influence the oligomerization state but enhances the conformational stability," <i>J. Mol. Biol.</i> , 1998, 280, 721-729
CMK	44	Zhang, L., et al., "Synthesis and application of unprotected cyclic peptides as building blocks for peptide dendrimers," <i>J. Am. Chem. Soc.</i> , 1997, 119, 2363-2370

EXAMINER 	DATE CONSIDERED 12/6/03
--	-------------------------



Sheet 5 of 5

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. DAVI-0005/ 2393063/MJC/RR	Application No. 09/787,082
	Applicant David James Craik, et al.	
	Filing Date June 14, 2001	Group 1653
	Confirmation No. 1485	

## U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
CMK	45	5,589,356	12/31/96	Tam	435	68.1

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
CMK	46	WO 96/34878	11/07/96	PCT		
	47	WO 98/28434	07/02/98	PCT		
CMK	48	WO 98/56807	12/17/98	PCT		

EXAMINER <i>CMK</i>	DATE CONSIDERED <i>12/16/03</i>
---------------------	---------------------------------